## **EAST Search History**

| Ref<br># | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|---|---------------------|---------|------------------|
| S33      | 1     | 10/534258  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 22:24 |
| S34      | 584   | antenna and band\$1 and (switch\$3 with ground\$3 with conduct\$3)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 22:53 |
| S35      | 261   | antenna and band\$1 and (switch\$3 with ground\$3 with conduct\$3) and (resonat\$3 resonant) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 22:54 |
| S36      | 85    | S35 and "343"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 22:54 |
| S37      | 46    | S36 and (feed\$3 near5 point)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 23:06 |
| S38      | 15    | S37 and (electrical with length\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 22:55 |
| S39      | 1     | 10/639490  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/20 23:07 |
| S40      | 2182  | 343/770-776.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/21 16:11 |
| S42      | 324   | 343/812-814.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR .                | ON      | 2007/03/21 16:11 |
| S44      | 308   | 343/820,822.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/21 16:13 |
| S45      | 14120 | antenna and band\$1 and switch\$3 and feed\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/03/21 16:15 |

## **EAST Search History**

| S46 | 864  | S45 and (electrical near5 length\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;            | OR | ON  | 2007/03/21 16:29 |
|-----|------|--|---|----|-----|------------------|
| S47 | 30   | S40 and S46  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:19 |
| S48 |      | S42 and S46  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:19 |
| S49 | 11   | ("2229865"   "3445849"  <br>"4217589"   "4222053"   "4496952"<br>  "4604628"   "5335363"  <br>"5335464"   "5600335").PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2007/03/21 16:21 |
| S50 | 6    | ("5767812").URPN.  | USPAT                                       | OR | OFF | 2007/03/21 16:27 |
| S51 | . 11 | S44 and S46  | USPAT                                       | OR | OFF | 2007/03/21 16:28 |
| S53 | 1759 | S45 and (ground\$3 near5 conduct\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:33 |
| S58 | 4284 | 343/700MS.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:33 |
| S59 | 3653 | 343/702.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:33 |
| S60 | 1987 | 343/895.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:33 |
| S61 | 515  | S53 and (resonant near3 frequenc\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:34 |
| S62 | 148  | S58 and S61  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 16:34 |
| S63 | 52   | S62 and (electrical near3 length\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/21 17:05 |

## **EAST Search History**

| S64 | 2656 | antenna and (ground\$3 adj<br>conduct\$3) and feed\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2007/03/21 17:20 |
|-----|------|---|---|------|-----|------------------|
| S65 |      | S64 and (switch\$3 with resona\$5 with connect\$3 with length\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR · | ON  | 2007/03/21 17:17 |
| S66 | 13   | S64 and (switch\$3 with resona\$5 with connect\$3 with frequenc\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2007/03/21 17:18 |
| S68 | 4    | S58 and S66   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2007/03/21 17:36 |
| S69 | 3    | antenna and ((ground\$3 adj<br>conduct\$3) with switch\$3 with<br>connect\$3 with direct\$2) and<br>feed\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2007/03/21 17:21 |
| S70 | 4    | ("3969729"   "4044360"  <br>"5170140"   "5488380").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2007/03/21 17:22 |
| S71 | 3    | ("6028552").URPN.   | USPAT                                       | OR   | OFF | 2007/03/21 17:23 |
| S72 | 2    | ("5585810"   "6034636").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2007/03/21 17:23 |
| S73 | 31   | ("6255994").URPN.   | USPAT                                       | OR   | OFF | 2007/03/21 17:23 |
| S74 | 7    | ("5585810"   "5764190"  <br>"6034636"   "6034638"   "6255994"<br>  "6680705"   "6693594").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2007/03/21 17:25 |
| S75 | 2    | ("6876329").URPN.   | USPAT                                       | OR   | OFF | 2007/03/21 17:29 |
| S76 | 11   | ("20020140607"   "20030214443"  <br>"20040041733"   "4367474"  <br>"4777490"   "5585810"   "5668560"<br>  "6034636"   "6255994"  <br>"6421016"   "6466170").PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2007/03/21 17:30 |
| S77 | .3   | ("6873294").URPN.   | USPAT                                       | OR   | OFF | 2007/03/21 17:32 |
| S80 | 6    | S59 and S66   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2007/03/21 17:38 |
| S81 |      | S60 and S66   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2007/03/21 17:38 |